



Sabine BUB et al.  
MOLECULAR-BIOLOGICAL MARKER FOR  
ANALYTICAL ELECTRON MICROSCOPY  
38485-0006

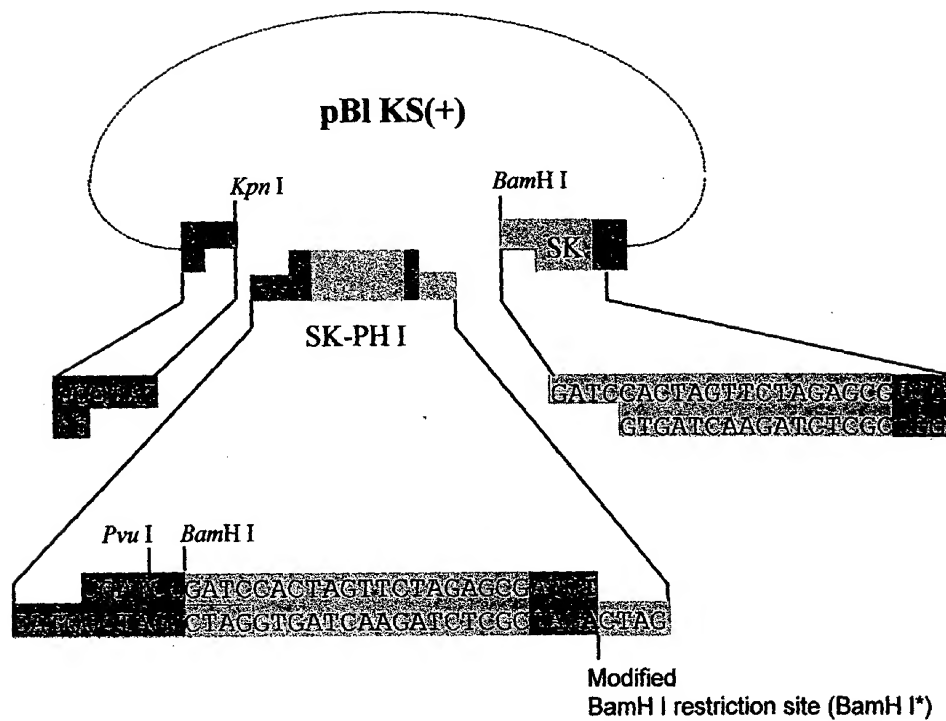


Fig. 1b

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2/6

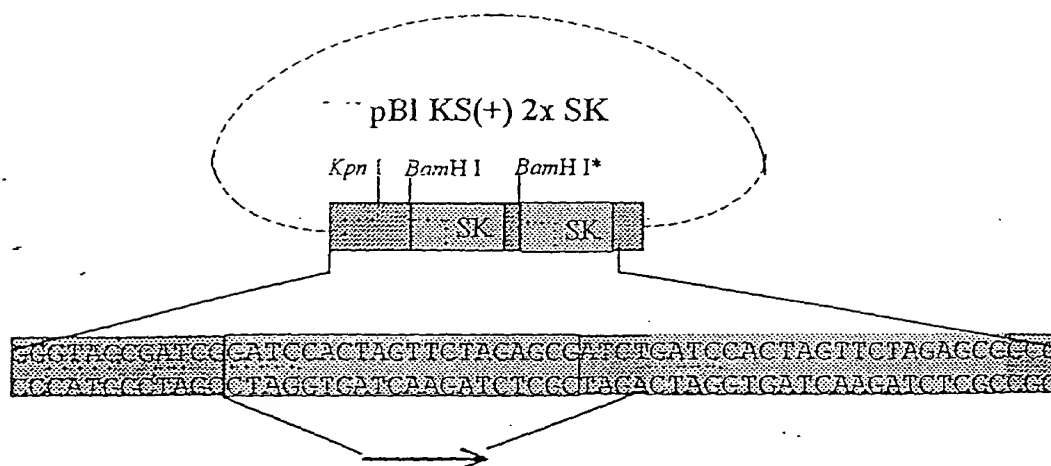


Fig. 1c

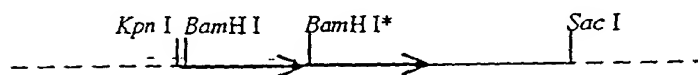


Fig. 1d

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09914397.030302

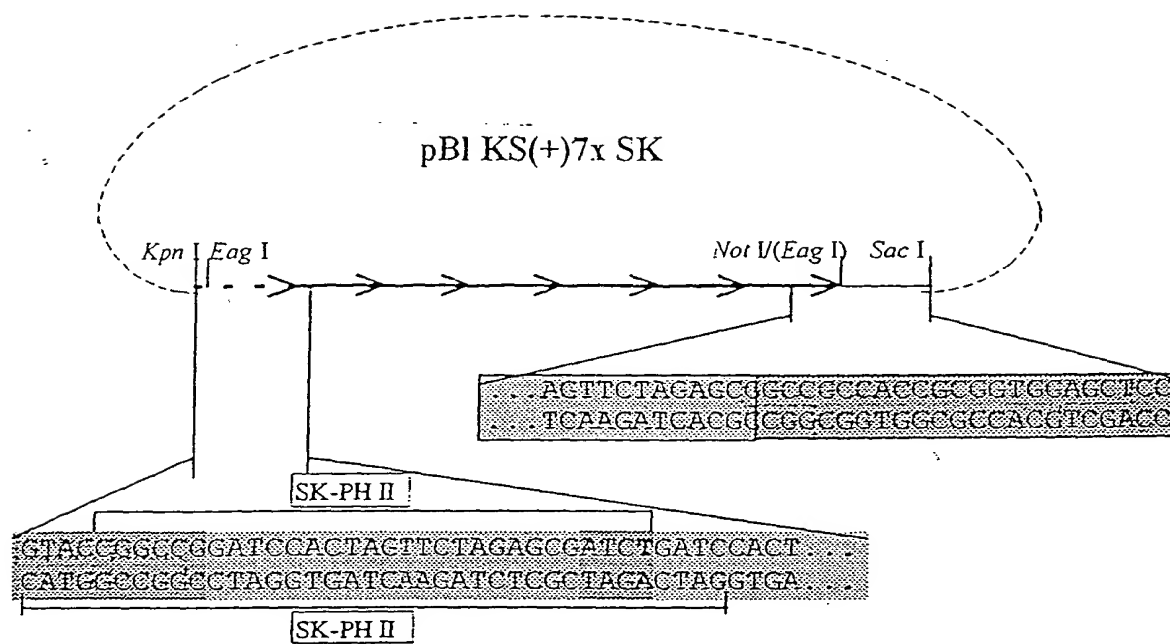
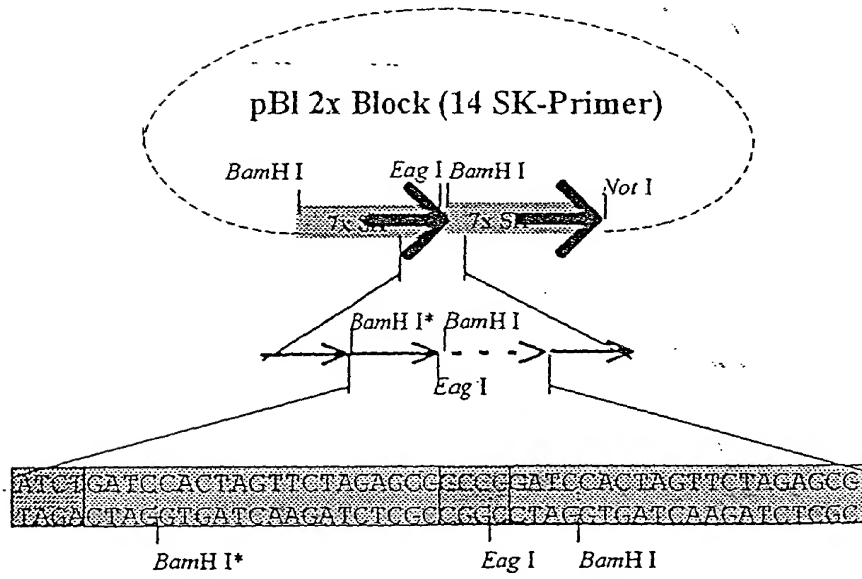
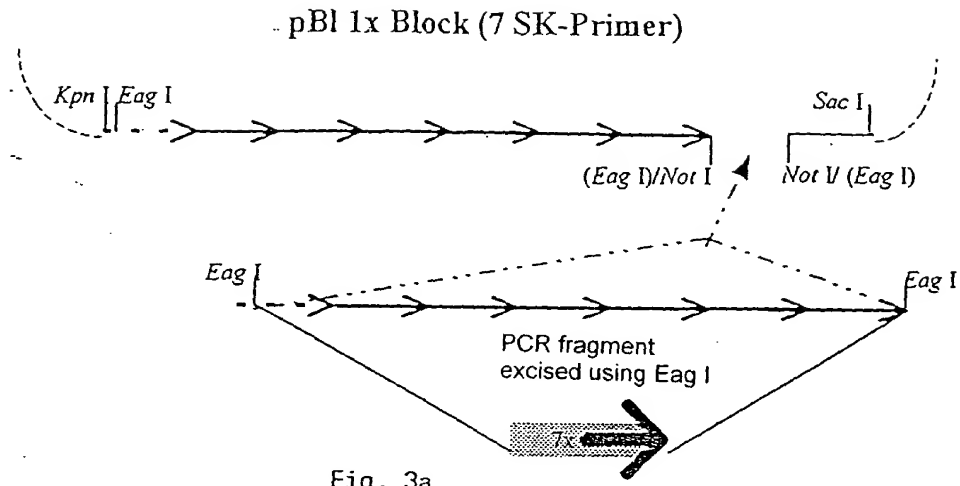


Fig. 2

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5/6

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TCAAGATCTCGCTAGACTAGGTGATCAAGATCTCGCTAGACTAGGTGATCAAGATCTCGCTAGACTAGGTGATCAAGATC

AGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGCGCGGATCCACTAGTTCTAGAGCGATCT 240  
TCGCTAGACTAGGTGATCAAGATCTCGCTAGACTAGGTGATCAAGATCTCGCCGGCTAGGTGATCAAGATCTCGCTAGA

GATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACT 320  
CTAGGTGATCAAGATCTCGCTAGACTAGGTGATCAAGATCTCGCTAGACTAGGTGATCAAGATCTCGCTAGACTAGGTGA

AGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGCGCGGATCCACTAGTTCTAG 400  
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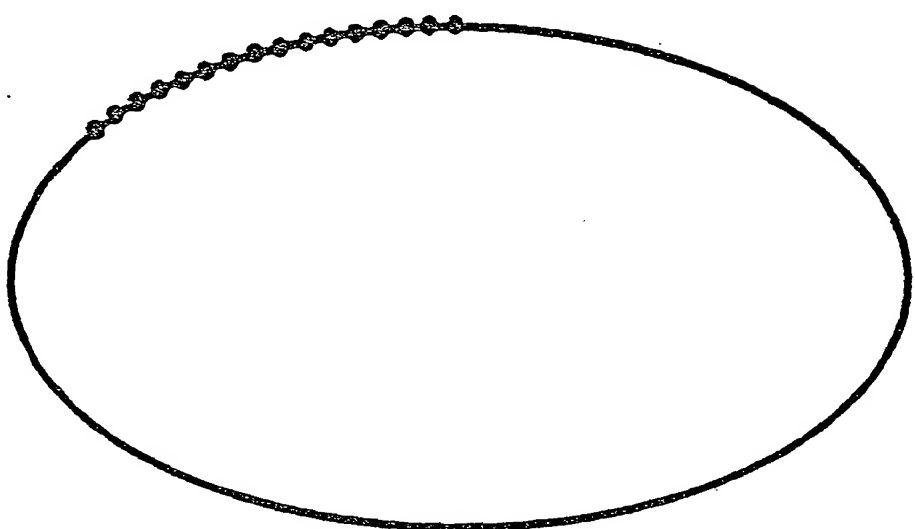
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AGCGATCTGATCCACTAGTTCTAGAGCGATCTGATCCACTAGTTCTAGAGCGCGCGCCACCGCGGTGGAGCTCCAAT 717  
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Fig. 4

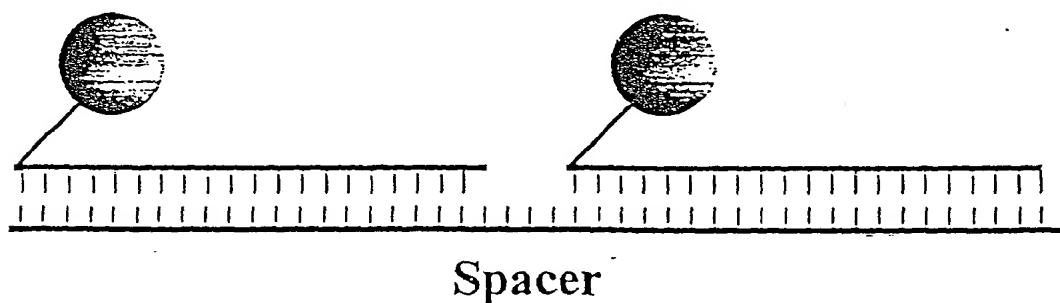
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# Diagram of the labeling experiment:

Outline: 

Plasmid (blue) having 16 repetitive sequence to which the ESI marker (red) binds

Detail:



The ESI marker (red) is covalently bonded to a single-stranded oligonucleotide (green). The oligonucleotide is associated by complementary base pairing (hybridization) with the repetitive sequences of the plasmid (blue). In this example, the repetitive sequences have a length of 20 nucleotides and are separated by a spacer of 4 nucleotides.

Fig. 5